b) creating line images of the three independently addressable linear arrays on the display surface;

c) providing an image data stream to each of the three independently addressable linear arrays, wherein the image data stream is synchronized according to a spatial separation between the line images of the three independently addressable linear arrays;

d) scanning the line images across the screen in coordination with the data stream to create the two-dimensional image.

26. The method claimed in claim 25, wherein the step of creating line images comprises the step of forming diffracted orders of light.

27. A method for displaying a two-dimensional image on a display surface, comprising the steps of:

(a) directing, to each of three independently addressable linear arrays of light modulating devices on a common substrate, a color illumination beam;

(b) modulating each of the three independently addressable linear arrays of light modulating devices according to an image data stream, forming three spatially separate line images thereby;

(c) scanning the three line images toward the display surface to form the two-dimensional image thereon.

28. A method for displaying a two-dimensional image on a display surface according to claim 27 wherein the step of modulating comprises the step of synchronizing the image data stream according to the distance between the spatially separate line images.